

LAMPIRAN 1

DATA HASIL STATISTIK HARI KE-0

Penghitungan statistik SPSS 14.0 untuk pengujian pengaruh cordyceps sinensis terhadap kadar TNF- setelah diinduksi parasetamol

Oneway

Descriptives

hasil								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1.000	6	12.35117	5.171800	2.111379	6.92370	17.77864	5.453	18.384
2.000	6	42.84533	17.963608	7.333612	23.99368	61.69698	28.706	77.488
3.000	6	16.51550	5.485543	2.239463	10.75878	22.27222	10.629	22.687
4.000	6	43.09600	28.834489	11.771631	12.83606	73.35594	18.384	80.046
Total	24	28.70200	21.862493	4.462663	19.47028	37.93372	5.453	80.046

ANOVA

hasil					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4938.490	3	1646.163	5.438	.007
Within Groups	6054.788	20	302.739		
Total	10993.278	23			

Post Hoc Tests

Multiple Comparisons

hasil
Tukey HSD

		95% Confidence Interval				
(i) perlakuan	(j) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
1.000	2.000	-30.494167 [*]	10.045553	.031	-58.61103	-2.37730
	3.000	-4.164333	10.045553	.975	-32.28120	23.95253
	4.000	-30.744833 [*]	10.045553	.029	-58.86170	-2.62797
2.000	1.000	30.494167 [*]	10.045553	.031	2.37730	58.61103
	3.000	26.329833	10.045553	.071	-1.78703	54.44670
	4.000	-.250667	10.045553	1.000	-28.36753	27.86620
3.000	1.000	4.164333	10.045553	.975	-23.95253	32.28120
	2.000	-26.329833	10.045553	.071	-54.44670	1.78703
	4.000	-26.580500	10.045553	.068	-54.69736	1.53636
4.000	1.000	30.744833 [*]	10.045553	.029	2.62797	58.86170
	2.000	.250667	10.045553	1.000	-27.86620	28.36753
	3.000	26.580500	10.045553	.068	-1.53636	54.69736

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

hasil
Tukey HSD^a

perlakua	n	N	Subset for alpha = 0.05	
			1	2
1.000	6	6	12.35117	
3.000	6	6	16.51550	16.51550
2.000	6	6		42.84533
4.000	6	6		43.09600
Sig.			.975	.068

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

LAMPIRAN 2

DATA HASIL STATISTIK HARI KE-7

Penghitungan statistik SPSS 14.0 untuk pengujian pengaruh cordyceps sinensis terhadap kadar TNF- setelah diinduksi parasetamol

Oneway

[DataSet0]

Descriptives

hasil								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1.000	6	10.77150	4.023834	1.642723	6.54875	14.99425	3.727	14.077
2.000	6	38.57700	5.812645	2.373003	32.47700	44.67700	29.565	45.010
3.000	6	13.78367	8.743651	3.569581	4.60777	22.95957	6.316	27.846
4.000	6	9.61717	8.487545	3.465026	.71003	18.52430	.272	24.407
Total	24	18.18733	13.790006	2.814873	12.36432	24.01034	.272	45.010

ANOVA

hasil					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3381.439	3	1127.146	22.717	.000
Within Groups	992.340	20	49.617		
Total	4373.778	23			

Post Hoc Tests

Multiple Comparisons

hasil
Tukey HSD

		95% Confidence Interval				
(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
1.000	2.000	-27.805500*	4.066816	.000	-39.18826	-16.42274
	3.000	-3.012167	4.066816	.880	-14.39493	8.37059
	4.000	1.154333	4.066816	.992	-10.22843	12.53709
2.000	1.000	27.805500*	4.066816	.000	16.42274	39.18826
	3.000	24.793333*	4.066816	.000	13.41057	36.17609
	4.000	28.959833*	4.066816	.000	17.57707	40.34259
3.000	1.000	3.012167	4.066816	.880	-8.37059	14.39493
	2.000	-24.793333*	4.066816	.000	-36.17609	-13.41057
	4.000	4.166500	4.066816	.737	-7.21626	15.54926
4.000	1.000	-1.154333	4.066816	.992	-12.53709	10.22843
	2.000	-28.959833*	4.066816	.000	-40.34259	-17.57707
	3.000	-4.166500	4.066816	.737	-15.54926	7.21626

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

hasil

Tukey HSD^a

perlakuan	n	N	Subset for alpha = 0.05	
			1	2
4.000	6	6	9.61717	
1.000	6	6	10.77150	
3.000	6	6	13.78367	
2.000	6	6		38.57700
Sig.			.737	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

LAMPIRAN 3

Perhitungan Dosis

- **Dosis *Cordyceps sinensis***

Dosis *Cordyceps sinensis* pada manusia 16 kapsul @ 500 mg

Konversi dosis *Cordyceps sinensis* dari manusia ke mencit = 0,0026 (Paget & Barnes, 1964)

Maka: 16 kapsul @ 0,5 gram (500 mg)

= 8 gram (8000 mg)

= 8 x 0.0026 = 0.0208 gram = 20.8 mg/mencit

(dalam kg) = $1000/22,66 \times 20.8 = 917,92$ mg/kgBB mencit

- **Pembuatan Parasetamol**

Pembuatan parasetamol

Dosis Mencit 400mg/ kgBB

Rata-rata berat mencit: 22,66 gram

Dosis untuk 1 mencit $22,66/1000 \times 400$ mg = 9,064 mg dalam 0,5 ml

Untuk 25 ml memerlukan parasetamol: $25 / 0,5 \times 9,064$ mg = 453,2 mg

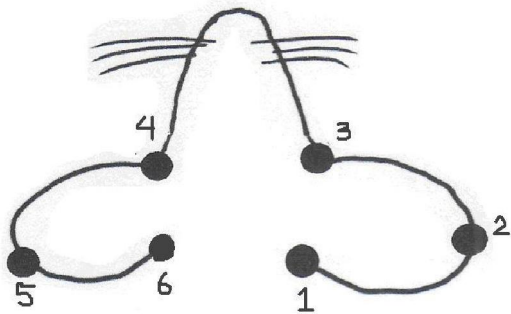
LAMPIRAN 4
FOTO ALAT DAN BAHAN



Pengadaptasian mencit



Timbangan



Penindikan mencit



Cordyceps sinensis



Sonde, spuit 5ml, spuit tuberkulin



Pengambilan darah

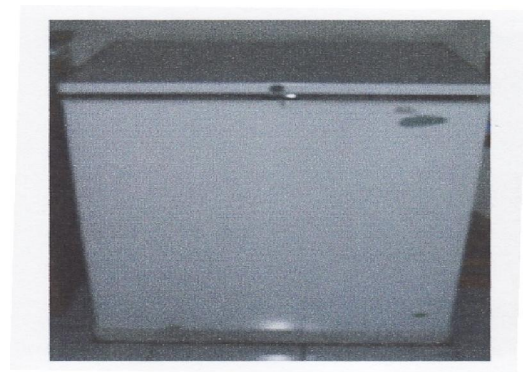
Pemberian obat peroral dengan sonde



Sentrifugasi darah



Pengambilan serum



Serum disimpan pada suhu -20°C



Microplate & ELISA Kit



ELISA Reader

RIWAYAT HIDUP

Nama : Yohanes Widjaja
NRP : 0510121
Tempat/Tanggal Lahir : Surabaya, 25 Juli 1987
Alamat : Jl. Musi 37, Surabaya
Riwayat Pendidikan :
SD Kristen Petra 1, Surabaya (1993-1999)
SMP Kristen Petra 1, Surabaya (1999-2002)
SMU Kristen Petra 1, Surabaya (2002-2005)
Fakultas Kedokteran Universitas Kristen Maranatha, Bandung (2005-
sekarang)